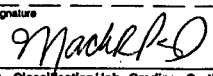
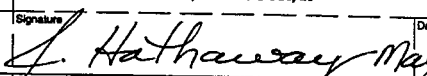
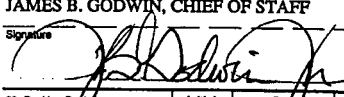


POSITION DESCRIPTION (Please Read Instructions on the Back)

2. Reason for Submission <input checked="" type="checkbox"/> Redescription <input type="checkbox"/> New <input type="checkbox"/> Reestablishment <input type="checkbox"/> Other (Show any positions replaced)		3. Service <input type="checkbox"/> Hdqrs. <input checked="" type="checkbox"/> Field		4. Employing Office Location ORLANDO, FL		5. Duty Station ORLANDO, FL		1. Agency Position No. NL112298	
7. Fair Labor Standards Act <input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Nonexempt		8. Financial Statements Required <input type="checkbox"/> Executive Personnel Financial Disclosure <input type="checkbox"/> Employment and Financial Interests		9. Subject to IA Action <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		6. OPM Certification No.		10. Position Status <input checked="" type="checkbox"/> Competitive <input type="checkbox"/> Excepted (Specify in Remarks) <input type="checkbox"/> SES (Gen.) <input type="checkbox"/> SES (CR)	
11. Position is: <input type="checkbox"/> Supervisory <input type="checkbox"/> Managerial <input checked="" type="checkbox"/> Neither		12. Sensitivity <input type="checkbox"/> 1 - Non-Sensitive <input type="checkbox"/> 3 - Critical Sensitive <input checked="" type="checkbox"/> 2 - Noncritical Sensitive <input type="checkbox"/> 4 - Special Sensitive		13. Competitive Level Code		14. Agency Use			
15. Classified/Graded by		Official Title of Position		Pay Plan		Occupational Code		Grade	
a. U.S. Office of Personnel Management									
b. Department, Agency or Establishment									
c. Second Level Review									
d. First Level Review		OPERATIONS RESEARCH ANALYST		GS		1515		12	
e. Recommended by Supervisor or Initiating Office								FEW 5/26/99	
16. Organizational Title of Position (if different from official title)				17. Name of Employee (if vacant, specify)					
18. Department, Agency, or Establishment DEPARTMENT OF THE ARMY (DA)				c. Third Subdivision CHIEF OF STAFF					
a. First Subdivision U.S. ARMY MATERIEL COMMAND (AMC)				d. Fourth Subdivision RESOURCES MANAGEMENT (R)					
b. Second Subdivision SIMULATION, INSTRUMENTATION & TRAINING CMD				e. Fifth Subdivision COST ANALYSIS AND SYSTEMS DIVISION (RC)					
19. Employee review - This is an accurate description of the major duties and responsibilities of my position.				Signature of Employee (optional)					
Supervisory Certification. I certify that this is an accurate statement of the major duties and responsibilities of this position and its organizational relationships, and that the position is necessary to carry out Government functions for which I am responsible. This certification is made with the				knowledge that this information is to be used for statutory purposes relating to appointment and payment of public funds, and that false or misleading statements may constitute violations of such statutes or their implementing regulations.					
a. Typed Name and Title of Immediate Supervisor MACK R. PERRY, CHIEF, RC				b. Typed Name and Title of Higher-Level Supervisor or Manager (optional) JO ANN HATHAWAY, DIRECTOR, R					
Signature 				Date 5/26/99		Signature 		Date May 27, 99	
21. Classification/Job Grading Certification. I certify that this position has been classified/graded as required by Title 5, U.S. Code, in conformance with standards published by the U.S. Office of Personnel Management or, if no published standards apply directly, consistently with the most applicable published standards.				22. Position Classification Standards Used in Classifying/Grading Position USOPM, GS-1515, OPERATIONS RESEARCH SERIES, DATED 06/67					
Typed Name and Title of Official Taking Action JAMES B. GODWIN, CHIEF OF STAFF				Information for Employees. The standards, and information on their application, are available in the personnel office. The classification of the position may be reviewed and corrected by the agency or the U.S. Office of Personnel Management. Information on classification/job grading appeals, and complaints on exemption from FLSA, is available from the personnel office or the U.S. Office of Personnel Management.					
Signature 				Date 6/1/99					
23. Position Review		Initials		Date		Initials		Date	
a. Employee (optional)									
b. Supervisor									
c. Classifier									
24. Remarks									

Description of Major Duties and Responsibilities (See Attached)

Previous Edition Usable

OF 8 (Rev. 1-85)
 U.S. Office of Personnel Management
 FPM Chapter 295 USAPPC V1 nn

INTRODUCTION

This position is located in the Directorate of Resource Management, within Simulation, Training and Instrumentation Command (STRICOM), a major subordinate Command of the US Army Materiel Command (AMC). Serves as Operations Research Analyst in the areas of operations research, economic and cost analysis in support of STRICOM development, acquisition and support programs. These analyses will be performed in support of both the Command Group and ACAT I - IV programs for the Project Managers located at the command.

MAJOR DUTIES

1. Using statistical, mathematical and modeling techniques, develops, analyzes and validates life cycle cost estimates prepared for complex simulator, training and instrumentation systems. Serves as cost analyst responsible for participating as a team member of a multi-disciplinary team to develop and document a fully supportable and defensible life cycle cost estimate. Provides guidance and direction associated with the development methodology, presentation, documentation and format of cost estimates as well as the treatment of inherited assets, residual value, application of inflation and escalation indices and other cost analysis issues. Coordinates with Headquarters AMC and U.S. Army Cost and Economic Analysis Center (CEAC) for review and validation of major STRICOM system estimates.

35%

2. Provides for continuous improvement of the STRICOM Cost Analysis processes, tools and methodologies by collecting, compiling and analyzing historical cost data, both government and contractor proprietary, to develop parametric Cost Estimating Relationships (CERs) and standard cost factors. Evaluates, develops, and maintains life cycle cost models for use in cost studies, cost variance analyses, sensitivity analyses, etc. This process involves the utilization of computer databases and statistical analysis tools such as; regression analyses, confidence testing, curve fitting, statistical inference, software estimating models, Earned Value Management System (EVMS) analysis tools, risk models, etc.

10%

3. Plans, develops and implements the application of Contractor Performance Measurement (Earned Value Management System (EVMS), Cost Performance Reporting (CPR), Cost/Schedule Status Reporting

(C/SSR), etc.) on STRICOM development and acquisition contracts. Participates in EVMS reviews of contractor's management and accounting systems as appropriate to assure that the contractor's performance measurement system is compliant with the EVMS and that the system has been effectively applied on the STRICOM contract. Analyzes contractor cost and schedule performance, identifies trends and develops independent estimates at completion. Provides analysis to program team members, Project Directors, STRICOM Program Managers, on a recurring basis (monthly as a minimum).

15%

4. Participates as a team lead of multi-disciplined professionals in the conduct of the cost realism evaluation portion of the STRICOM source selection process. Determines the cost realism approach to be followed. Develops and provides the cost proposal/evaluation sections of the request for Proposal (RFP), Source Selection Evaluation Plan (SSP), Proposal Evaluation Plan (PEP), and Source Selection Evaluation Board (SSEB) "best value" determinations. As an SSEB team lead responsible for supporting all analysis/issues pertaining to cost and contractor performance management. Participates in the award decision process by recommendation of alternative cost tradeoffs and doing insightful comparative analyses between the offerors.

30%

5. Plans, develops, and reviews comprehensive economic analyses for alternative investment decisions to provide the STRICOM Command Group, Program Managers, Commander HQ AMC and the Secretary of the Army's Staff with quantitative and qualitative basis to assist in the materiel acquisition program decision process. Conducts special studies and analyses directly for the Resources Manager and/or the STRICOM Commander.

10%

Performs other duties as assigned.

FACTOR 1 - KNOWLEDGE REQUIRED BY THE POSITION

Knowledge of mathematics, statistics, and operations research theories and analysis methodologies and their application to Cost and Economic Analyses.

Knowledge of DOD, DA, AMC, and STRICOM Cost Analysis processes, procedures, requirements and governing policy as well as regulatory guidelines. Includes knowledge of the Federal Acquisition Regulation (FAR) and its applications to the DOD contractual source selection process and the continuous evolving requirements of Acquisition Reform.

Knowledge of the Earned Value Management System (EVMS) and the policies and procedures involved with reviewing major DOD contractor internal management systems especially for the conduct of Integrated Baseline Reviews (IBR). Knowledge of CPR and C/SSR reporting and analysis methodologies.

Ability to apply Operations Research techniques to perform complex Cost and Economic Analyses and quantitative studies to support major program decisions.

Ability to analyze contractor cost and schedule performance measurement reports and to identify unfavorable cost and/or schedule performance trends impacting system delivery and/or cost at completion.

Ability to reduce, evaluate and statistically analyze technical data and to summarize results in a concise and effective manner and applies the results to the analysis to develop a recommended course of action.

Skill in problem identification and resolution techniques to formulate, analyze, and quantify impact of alternative solutions.

Skill in both oral and written communications to effectively present the results of analyses and evaluations, to include specific conclusions and recommendations.

FACTOR 2 - SUPERVISORY CONTROLS

Work is performed under general supervision of the Cost and Systems Analysis Division Chief and under the direction of a Senior Cost Analyst. Supervisor assigns work in broad terms

with general guidance. Work is accomplished with minimal supervisory oversight. Works with Senior Cost Analyst to independently develop plan of action and methodology for conducting analyses. Completed work is reviewed in terms of meeting established goals, compliance with established policies and procedures and overall effectiveness of the program support provided.

FACTOR 3 - GUIDELINES

Guidelines consist of STRICOM, AMC, DA, and Office of the Secretary of Defense (OSD) cost and economic analysis policies, directives, and regulations (5000.2-R). As well as the Federal Acquisition Regulations (FAR), and current Acquisition Reform Policy.

FACTOR 4 - COMPLEXITY

Analytical assignments involve the active participation as a multi-disciplinary integrated product team member to develop Program Life Cycle Cost Estimates (PLCCEs), Economic Analyses and Cost Realism Evaluations in support of STRICOM, HQ AMC, and Department of the Army major milestone decisions and major acquisition programs. Incumbent independently works with the Senior Cost Analyst to determine the scope of the analysis, develop the analysis plan and methodology, assign segments of the effort to the appropriate technical team members, directs the efforts of other team members, analyzes technical inputs and develops and documents the results of the analysis. Applies operation research theories to develop and improve the STRICOM resource allocation and execution process.

FACTOR 5 - SCOPE AND EFFECT

Performs as a team member responsible for development of the estimated cost of STRICOM major system development and acquisition programs. Estimates serve as the primary cost information supporting STRICOM, AMC, and DA program milestone decision reviews and will ultimately effect the determination to continue or terminate the program. Analyses are used by STRICOM PMs, HQ AMC, and the DA staff to monitor and control the cost and schedule performance of major STRICOM development and production programs. The results of the Cost Realism Evaluation represent the Government evaluated cost in all STRICOM "best value" source selection decisions. Evaluations must be conducted in accordance with the Federal Acquisition Regulation

(FAR) and must be sustainable under contractor protest in Federal Court.

FACTOR 6 & 7 - PERSONAL & PURPOSE OF CONTACTS

Persons contacted include STRICOM Project Directors, technical IPT members representing each Directorate, Program Managers, and the Command Group. In addition estimates and analyses are coordinated with HQ AMC and the DA staff. Purpose of contacts is to compile programmatic and technical information to estimate and/or evaluate the cost of STRICOM programs, as well as to brief and defend the results of the analyses and present recommendations up through the DA level and occasionally to OSD.

FACTOR 8 - PHYSICAL DEMANDS

The work is sedentary.

FACTOR 9 - WORK ENVIRONMENT

Work is performed in a typical office setting.

NON-CRITICAL ACQUISITION POSITION AMENDMENT TO PD# 20201

"The employee must meet DoD 5000.52-M requirements applicable to the duties of the position."